



**UNITED STATES PATENT AND TRADEMARK OFFICE**

**COMMISSIONER OF PATENTS**

March 21, 2005

Robert W. Mulcahy  
Patent Counsel, Applied Materials, Inc.  
Legal Affairs Dept.  
P. O. Box 450A  
Santa Clara, CA 95052

In re Application of:  
Jong Hyun Yoo et al  
Serial No: 10/023,125                      On Petition  
Filing Date: December 17, 2001

**For: PULSE NUCLEATION ENHANCED NUCLEATION TECHNIQUE FOR IMPROVED STEP COVER  
AND BETTER GAP FILL FOR WCVD PROCESS**

In response to the petitions received on July 29, 2004, to withdraw the holding of abandonment  
in the above application.

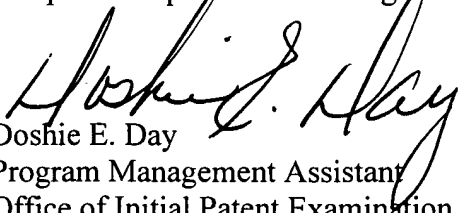
The petition is Granted.

The above-identified application became abandoned for failure to reply with the meaning of 37 C.D.R 1.113  
in a timely manner to the Notice to File Missing Parts of Nonprovisional Application mailed February 21, 2002.  
Which set forth a shortened statutory period for reply of two months. Accordingly, the above-identified  
application became abandoned April 23, 2002. The notice of abandonment was mailed on June 25, 2004.

The evidence submitted is sufficient to establish that the petitioners responded to the Notice to File Missing  
Parts of Nonprovisional Application on August 18, 2002 with 5 months of extension of time.

The application was abandoned in error. The office regrets any inconvenience this may have caused the client.

Telephone inquiries concerning this application may be directed to Doshie E. Day (703) 308-3640.

  
Doshie E. Day  
Program Management Assistant  
Office of Initial Patent Examination